

DKGR-SEQS.ST25.txt
SEQUENCE LISTING

<110> BLABER, MICHAEL
SANLI, GULSAH
BLABER, SACHIKO

<120> SYNTHETIC GENES FOR 2,5-DIKETO-D-GLUCONIC ACID REDUCTASES

<130> 22201

<150> US 60/259527

<151> 2001-01-03

<160> 6

<170> PatentIn version 3.0

<210> 1

<211> 845

<212> DNA

<213> Corynebacterium species

<220>

<221> misc_feature

<223> "n" positions designate restriction endonuclease recognition site

<400> 1
nnnatgacag ttcccaacat cgtgctcaac gaaggcaatt ccattcccca gctcgggtac 60
ggcgttttca aggtgccgcc gccggacacc cagcgcgccg tcgaggaagc gctcgaagtc 120
ggctaccggc acatcgacac cgcggcgatc tacggaaacg aagaaggcgt cggcgccgcg 180
atcgcggcga gcggcatcgc gcgcgacgac ctgttcatca cgacgaagct ctggaacgat 240
cgccacgacg gcgatgagcc cgctgcagcg atcgccgaga gcctcgcgaa gctggcactc 300

DKGR-SEQS.ST25.txt

gatcaggtcg	acctgtacct	cgtgcactgg	ccgacgccc	ccgccgacaa	ctacgtgcac	360
gcgtgggaga	agatgatcga	gcttcgcgca	gccggtctca	cccgcagcat	cggcgtctcg	420
aaccacctcg	tgccgcacct	cgagcgcac	gtcgccgcca	ccggcgtcgt	gccggcggtg	480
aaccagatcg	agctgcaccc	cgcctaccag	cagcgcgaga	tcaccgactg	ggccgccgcc	540
cacgacgtga	agatcgaatc	gtggggggccg	ctcggtcagg	gcaagtacga	cctcttcggc	600
gccgagccc	tcactgcggc	tgccgccgcc	cacggcaaga	ccccggcgca	ggccgtgctc	660
cgttggcacc	tgacagaagg	tttcgtggtc	ttcccgaagt	cggtcgcgcg	cgagcgctc	720
gaagagaacc	tcgacgtgtt	cgacttcgac	ctcaccgaca	ccgagatcgc	cgcatcgac	780
gcgatggatc	cgggcgacgg	ttcgggtcgc	gtgagcgcac	accccgatga	ggtcgactga	840
nnnnn						845

<210> 2

<211> 845

<212> DNA

<213> Corynebacterium species

<400> 2

catatgaccg	ttccgtctat	cgttctgaac	gacggtaact	ctatcccgc	gctgggttac	60
ggtgttttca	aagtccgcc	ggctgacacc	cagcgtgctg	ttgaagaagc	tctggaagtt	120
ggttaccgtc	acatcgacac	cgctgctatc	tacggcaacg	aagaagggtg	tggctgctg	180
atcgctgctt	ctggtatcgc	tcgtgacgac	ctgttcac	ccaccaaact	gtggaacgac	240
cgccacgacg	gtgacgaacc	ggctgctgct	atcgctgaat	ctctggctaa	actggctctg	300
gatcaggttg	acctgtacct	ggttcactgg	ccgaccccg	ctgctgacaa	ctacgttcac	360
gcttgggaaa	aaatgatcga	actgcgtgct	gctggtctga	cccgttctat	cgggtgttct	420
aaccacctgg	ttccgcacct	ggaacgtatc	gttgctgcta	ccggtgttgt	tccggtgtgt	480
aaccagatcg	aactgcaccc	ggcttaccag	cagcgtgaaa	tcaccgactg	ggctgctgct	540
cacgacgtta	aaatcgaatc	ttgggggtcg	ctgggtcagg	gtaaatacga	cctgttcggt	600
gctgaaccgg	taaccgctgc	tgctgctgct	cacggtaaaa	ccccggctca	ggctgttctg	660
cgttggcacc	tgacagaaag	tttcgttgtt	ttcccgaat	ctgttcgtcg	tgaacgtctg	720
gaagaaaacc	tggacgtttt	cgacttcgac	ctgaccgaca	ccgaaatcgc	tgctatcgac	780
gctatggatc	cgggcgacgg	ttctggtcgt	gtttctgctc	acccggacga	agttgactga	840
agctt						845